



06/27/97

A

+

PTO/SB/05 (6-95) (modified)

Approved for use through 11/30/96, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0002/PTO Rev. 6/95	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket Number 2500
NEW UTILITY PATENT APPLICATION TRANSMITTAL (to be used for new applications only)		First Named Inventor Roger W. Swanson
		Total Pages in this Submission 57

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
<i>Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601 (37 CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.</i>	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Check Enclosed	5. <input type="checkbox"/> FWC Application Filing Papers under 37 CFR § 1.62
2. Specification	6. <input type="checkbox"/> Application Filing Papers Under 37 CFR § 1.60
<input checked="" type="checkbox"/> Title of the Invention	7. <input checked="" type="checkbox"/> Assignment & PTO-1595
<input type="checkbox"/> Cross Reference(s) to Related Case(s)	8. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
<input type="checkbox"/> Statement Regarding Federally-sponsored Research/Development	9. <input type="checkbox"/> Information Disclosure Statement & PTO-1449
<input checked="" type="checkbox"/> Background of the Invention	10. <input type="checkbox"/> Copies of IDS Citation(s)
<input checked="" type="checkbox"/> Brief Summary of the Invention	11. <input type="checkbox"/> Petition Checklist and Accompanying Petition
<input checked="" type="checkbox"/> Brief Description of the Drawing(s)	12. <input type="checkbox"/> Preliminary Amendment
<input checked="" type="checkbox"/> Detailed Description	13. <input type="checkbox"/> Proprietary Information
<input checked="" type="checkbox"/> Claim or Claims	14. <input type="checkbox"/> Small Entity Statement
<input checked="" type="checkbox"/> Abstract of the Disclosure	15. <input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Appendix	16. <input type="checkbox"/> _____
3. <input checked="" type="checkbox"/> Drawing(s) (when necessary per 35 USC 113)	17. <input type="checkbox"/> _____
4. <input checked="" type="checkbox"/> Declaration	18. <input type="checkbox"/> _____
<input checked="" type="checkbox"/> Executed	19. <input type="checkbox"/> _____
	20. <input type="checkbox"/> _____

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg No.:	Amir H. Raubvogel, Reg. No. 37,070	Dated:	June 27, 1997

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10 addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date shown below.			
Signature:			
Typed or Printed Name:	Amir H. Raubvogel	Dated:	June 27, 1997
Express Mail Mailing Number:	EM033487400US		

FOR OFFICIAL USE ONLY					
Application Number			Class		
Date of Receipt	Application Type		GAU	Independent Claims	
	Filing Date		Foreign Filing License?	Total Claims	
	Small Entity		Foreign Address?	Drawing Sheets	
				Special Handling?	

+

0002/PTO(modified) Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	Complete if Known	
FEE TRANSMITTAL TOTAL AMOUNT OF PAYMENT Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$1,248)		Application Number	as of yet unknown
		Filing Date	June 27, 1997
		First Named Inventor	Roger W. Swanson
		Group Art Unit	as of yet unknown
		Examiner Name	as of yet unknown
		Attorney Docket Number	2500

METHOD OF PAYMENT 1. The Commissioner is hereby authorized to: <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account. <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 or credit any over payments to the below mentioned deposit accounts <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account. Deposit Account Number: 19-2555 Deposit Account Name: FENWICK & WEST LLP A Duplicate Copy of this authorization is attached 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Other	FEE CALCULATION (continued) 3. ADDITIONAL FEES <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Due</th> </tr> </thead> <tbody> <tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td style="text-align: right;">[]</td></tr> <tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td style="text-align: right;">[]</td></tr> <tr><td>147/\$2,460</td><td>147/\$2,460</td><td>For filing a request for reexamination</td><td style="text-align: right;">[]</td></tr> <tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month</td><td style="text-align: right;">[]</td></tr> <tr><td>116/\$390</td><td>216/\$195</td><td>Extension for response within second month</td><td style="text-align: right;">[]</td></tr> <tr><td>117/\$930</td><td>217/\$465</td><td>Extension for response within third month</td><td style="text-align: right;">[]</td></tr> <tr><td>118/\$1,470</td><td>218/\$735</td><td>Extension for response within fourth month</td><td style="text-align: right;">[]</td></tr> <tr><td>119/\$300</td><td>219/\$150</td><td>Notice of Appeal</td><td style="text-align: right;">[]</td></tr> <tr><td>140/\$110</td><td>240/\$55</td><td>Petition to revive unavoidably abandoned application</td><td style="text-align: right;">[]</td></tr> <tr><td>141/\$1,290</td><td>241/\$645</td><td>Petition to revive unintentionally abandoned application</td><td style="text-align: right;">[]</td></tr> <tr><td>142/\$1,290</td><td>242/\$645</td><td>Utility Issue Fee (Or Reissue)</td><td style="text-align: right;">[]</td></tr> <tr><td>143/\$440</td><td>243/\$220</td><td>Design Issue Fee</td><td style="text-align: right;">[]</td></tr> <tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td style="text-align: right;">[]</td></tr> <tr><td>123/\$50</td><td>123/\$50</td><td>Petitions related to provisional applications</td><td style="text-align: right;">[]</td></tr> <tr><td>126/\$230</td><td>126/\$230</td><td>Submission of Information Disclosure Statement</td><td style="text-align: right;">[]</td></tr> <tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td style="text-align: right;">40</td></tr> <tr><td>146/\$770</td><td>246/\$385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td style="text-align: right;">[]</td></tr> <tr><td>149/\$770</td><td>249/\$385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td style="text-align: right;">[]</td></tr> <tr><td colspan="3">Other fee (specify):</td><td style="text-align: right;">[]</td></tr> <tr><td colspan="3">Other fee (specify):</td><td style="text-align: right;">[]</td></tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (3)</td> <td style="text-align: right;">(\$40)</td> </tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	[]	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	[]	147/\$2,460	147/\$2,460	For filing a request for reexamination	[]	115/\$110	215/\$55	Extension for response within first month	[]	116/\$390	216/\$195	Extension for response within second month	[]	117/\$930	217/\$465	Extension for response within third month	[]	118/\$1,470	218/\$735	Extension for response within fourth month	[]	119/\$300	219/\$150	Notice of Appeal	[]	140/\$110	240/\$55	Petition to revive unavoidably abandoned application	[]	141/\$1,290	241/\$645	Petition to revive unintentionally abandoned application	[]	142/\$1,290	242/\$645	Utility Issue Fee (Or Reissue)	[]	143/\$440	243/\$220	Design Issue Fee	[]	122/\$130	122/\$130	Petitions to the Commissioner	[]	123/\$50	123/\$50	Petitions related to provisional applications	[]	126/\$230	126/\$230	Submission of Information Disclosure Statement	[]	581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	40	146/\$770	246/\$385	Filing a submission after final rejection (37 CFR 1.129(a))	[]	149/\$770	249/\$385	For each additional invention to be examined (37 CFR 1.129(b))	[]	Other fee (specify):			[]	Other fee (specify):			[]	SUBTOTAL (3)			(\$40)
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due																																																																																						
105/\$130	205/\$65	Surcharge - late filing fee or oath	[]																																																																																						
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	[]																																																																																						
147/\$2,460	147/\$2,460	For filing a request for reexamination	[]																																																																																						
115/\$110	215/\$55	Extension for response within first month	[]																																																																																						
116/\$390	216/\$195	Extension for response within second month	[]																																																																																						
117/\$930	217/\$465	Extension for response within third month	[]																																																																																						
118/\$1,470	218/\$735	Extension for response within fourth month	[]																																																																																						
119/\$300	219/\$150	Notice of Appeal	[]																																																																																						
140/\$110	240/\$55	Petition to revive unavoidably abandoned application	[]																																																																																						
141/\$1,290	241/\$645	Petition to revive unintentionally abandoned application	[]																																																																																						
142/\$1,290	242/\$645	Utility Issue Fee (Or Reissue)	[]																																																																																						
143/\$440	243/\$220	Design Issue Fee	[]																																																																																						
122/\$130	122/\$130	Petitions to the Commissioner	[]																																																																																						
123/\$50	123/\$50	Petitions related to provisional applications	[]																																																																																						
126/\$230	126/\$230	Submission of Information Disclosure Statement	[]																																																																																						
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	40																																																																																						
146/\$770	246/\$385	Filing a submission after final rejection (37 CFR 1.129(a))	[]																																																																																						
149/\$770	249/\$385	For each additional invention to be examined (37 CFR 1.129(b))	[]																																																																																						
Other fee (specify):			[]																																																																																						
Other fee (specify):			[]																																																																																						
SUBTOTAL (3)			(\$40)																																																																																						

FEE CALCULATION (fees effective 10/01/96) 1. FILING FEE <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Due</th> </tr> </thead> <tbody> <tr><td>101/\$770</td><td>201/\$385</td><td>Utility Filing</td><td style="text-align: right;">770</td></tr> <tr><td>106/\$320</td><td>206/\$160</td><td>Design Filing</td><td style="text-align: right;">[]</td></tr> <tr><td>108/\$770</td><td>208/\$385</td><td>Reissue Filing</td><td style="text-align: right;">[]</td></tr> <tr><td>114/\$150</td><td>214/\$75</td><td>Provisional Filing</td><td style="text-align: right;">[]</td></tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (1)</td> <td style="text-align: right;">(\$770)</td> </tr> </tbody> </table> 2. CLAIMS <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> </tr> </thead> <tbody> <tr><td>103/\$22</td><td>203/\$11</td><td>Claims in excess of 20</td></tr> <tr><td>102/\$80</td><td>202/\$40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104/\$260</td><td>204/\$130</td><td>Multiple dependent claim</td></tr> <tr><td>109/\$80</td><td>209/\$40</td><td>Reissue independent claims over original patent</td></tr> <tr><td>110/\$22</td><td>210/\$11</td><td>Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	101/\$770	201/\$385	Utility Filing	770	106/\$320	206/\$160	Design Filing	[]	108/\$770	208/\$385	Reissue Filing	[]	114/\$150	214/\$75	Provisional Filing	[]	SUBTOTAL (1)			(\$770)	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	103/\$22	203/\$11	Claims in excess of 20	102/\$80	202/\$40	Independent claims in excess of 3	104/\$260	204/\$130	Multiple dependent claim	109/\$80	209/\$40	Reissue independent claims over original patent	110/\$22	210/\$11	Reissue claims in excess of 20 and over original patent	<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">For</th> <th style="text-align: left;">No. of Existing Claims</th> <th style="text-align: left;">minus*</th> <th style="text-align: left;">Highest No. Previously Paid For</th> <th style="text-align: left;">Extra**</th> <th style="text-align: left;">Fee</th> <th style="text-align: left;">Fee Due</th> </tr> </thead> <tbody> <tr> <td>TOTAL</td> <td>29</td> <td>minus*</td> <td>20 or</td> <td>= 9</td> <td>x 22</td> <td>= 198</td> </tr> <tr> <td>INDEP</td> <td>6</td> <td>minus*</td> <td>3 or</td> <td>= 3</td> <td>x 80</td> <td>= 240</td> </tr> <tr> <td colspan="7"> <input type="checkbox"/> First presentation of multiple dependent claim </td> </tr> <tr> <td colspan="6" style="text-align: right;">SUBTOTAL (2)</td> <td style="text-align: right;">(\$438)</td> </tr> </tbody> </table> <p style="font-size: small;">* Subtract the greater number of Col. 2 ** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3</p>	For	No. of Existing Claims	minus*	Highest No. Previously Paid For	Extra**	Fee	Fee Due	TOTAL	29	minus*	20 or	= 9	x 22	= 198	INDEP	6	minus*	3 or	= 3	x 80	= 240	<input type="checkbox"/> First presentation of multiple dependent claim							SUBTOTAL (2)						(\$438)
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due																																																																											
101/\$770	201/\$385	Utility Filing	770																																																																											
106/\$320	206/\$160	Design Filing	[]																																																																											
108/\$770	208/\$385	Reissue Filing	[]																																																																											
114/\$150	214/\$75	Provisional Filing	[]																																																																											
SUBTOTAL (1)			(\$770)																																																																											
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description																																																																												
103/\$22	203/\$11	Claims in excess of 20																																																																												
102/\$80	202/\$40	Independent claims in excess of 3																																																																												
104/\$260	204/\$130	Multiple dependent claim																																																																												
109/\$80	209/\$40	Reissue independent claims over original patent																																																																												
110/\$22	210/\$11	Reissue claims in excess of 20 and over original patent																																																																												
For	No. of Existing Claims	minus*	Highest No. Previously Paid For	Extra**	Fee	Fee Due																																																																								
TOTAL	29	minus*	20 or	= 9	x 22	= 198																																																																								
INDEP	6	minus*	3 or	= 3	x 80	= 240																																																																								
<input type="checkbox"/> First presentation of multiple dependent claim																																																																														
SUBTOTAL (2)						(\$438)																																																																								

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Amir H. Raubvogel	Reg. Number	37,070
Signature		Date	June 27, 1997